



**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In Re: U.S. Patent Application of Alan F. GRAVES et al.  
App. No.: 09/735,537 Art Unit: 2633  
Filed: December 14, 2000 Examiner: PAYNE, David C.  
For: CONNECTION VERIFICATION FOR OPTICAL SWITCHES

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**REPLY TO OFFICIAL ACTION UNDER 37 CFR 1.111**

Commissioner for Patents  
P.O. Box 1450  
Alexandria VA 22313-1450

Sir/Madam:

In response to the Office Action mailed October 7, 2004, and further to the Examiner Interview of December 9, 2004, please amend the above-identified application as follows and re-examine the application in view of the amendments and remarks provided.

Please note that a petition for extension of time under 37 CFR 1.136(a) accompanies the present response.

**Amendments to the Claims** are reflected in the listing of claims which begins on page 2 of this paper.

**Remarks/Arguments** begin on page 28 of this paper.